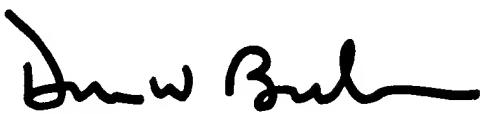


Serial No. 09/827,253

Remarks

This amendment is being submitted to delete multiple dependencies prior to calculation of the filing fee.

Respectfully submitted,



Don W. Bulson
Reg. No. 28,192

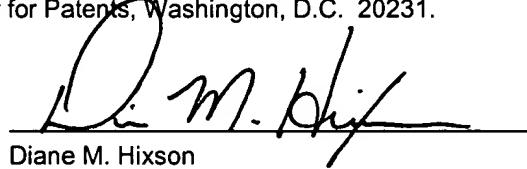
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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper or item referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first-class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 8-1-01



Diane M. Hixson

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APPENDIX

The change(s) to the specification and/or claims are below shown by underscoring and bracketing.

In the Claims:

Claims 3, 5, 7-9, 13, 15 and 16 have been amended as follows:

3. (Amended) The method as set forth in claim 1 [or 2], wherein said light beam is a beam of invisible light, in particular infrared light, said cameras being set to detect the reflections for this light.

5. (Amended) The method as set forth in claim 3 [or 4], wherein by means of a second beam of visible light, aimed substantially at the same target area as that of said invisible referencing light beam, a visible light reflection is created on said surface.

7. (Amended) The method as set forth in claim 6 [or 7], wherein said two light beams are generated by two light sources located juxtaposed or nested.

8. (Amended) The method as set forth in [any of the claims 1 to 7] claim 1, wherein several light marks are generated in sequence on said surface by said referencing light beam, while the position of said generated light marks is detected all the time, i.e. in particular until a sufficient number of positional data for determining said spatial position has been acquired.

9. (Amended) The method as set forth in [any of the claims 1 to 8] claim 1, wherein either the camera arrangement or said body part to be referenced is moved during referencing so that camera shades are eliminated, a relative movement of said body part being tracked in said navigation system by means of a marker array fixedly positioned relative to said body part.

13. (Amended) The apparatus as set forth in claim 11 [or 12], wherein said light beamer beams a second beam of visible light, aimed substantially at said same target area as that of said invisible referencing light beam, a visible light reflection being generated in addition on said surface.

15. (Amended) The apparatus as set forth in claim 13 [or 14], wherein the light sources for said beams are unified into a single light source or are two juxtaposed or two nested light sources.

16. (Amended) The apparatus as set forth in [any of claims 10 to 15] claim 10, wherein it comprises a marker array, fixedly positioned relative to said body part, by means of which a relative movement between said body part to be referenced and said camera arrangement is tracked to eliminate camera shades during referencing.